



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS TX 75202-2733

SEP 30 2013

Mr. James Hogan, Chief  
Surface Water Quality Bureau  
P.O. Box 5469  
Santa Fe, NM 87502

RE: Approval of the *Total Maximum Daily Load (TMDL) for the Animas River Watershed [San Juan River to Southern Ute Indian Tribe Bnd]*

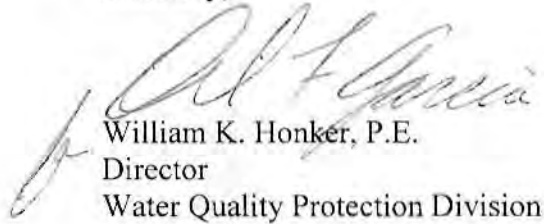
Dear Mr. Hogan:

The U.S. Environmental Protection Agency received New Mexico Surface Water Quality Bureau's request for EPA review and approval of the final document titled *Total Maximum Daily Load (TMDL) for the Animas River Watershed [San Juan River to Southern Ute Indian Tribe Bnd]* (henceforth, 'Final Report'). The Final Report includes TMDLs for *Escherichia coli*, temperature, and total phosphorous.

Based on our review, we conclude that the TMDLs contained in the Final Report meet the requirements found in Section 303(d) of the Clean Water Act and the implementing regulations found at 40 CFR § 130.7. The EPA is pleased to approve the TMDLs contained in the Final Report as summarized in the enclosed table. The EPA also acknowledges that these TMDLs will be incorporated as updates to the State of New Mexico's Water Quality Management Plan.

We appreciate the opportunity to work closely with SWQB, and we commend you and your staff for the considerable effort that went into developing these TMDLs. If you would like to discuss these approvals, please contact me at (214) 665-7101 or Ms. Katrina Higgins-Coltrain of my staff at (214) 665-8143.

Sincerely,



William K. Honker, P.E.  
Director  
Water Quality Protection Division

Enclosure

CC: Heidi Henderson, New Mexico Environment Department,  
Surface Water Quality Bureau  
Meghan Bell, New Mexico Environment Department,  
Surface Water Quality Bureau

**Enclosure:** Summary of the total maximum daily loads (TMDLs) for the Animas River Watershed [San Juan River to Southern Ute Indian Tribe Bnd]

Animas River (San Juan River to Estes Arroyo): Segment 20.6.4.402, Assessment Unit NM-2403.A_00						
Pollutant	Target Concentration	WLA	LA	MOS	TMDL	Units
		Permits				
Escherichia coli	126 cfu/100mL (geometric mean)	NMR04000 (sMS4) 1.6E+10	1.80E+11	2.30E+10	2.30E+11	cfu/day
		NM0020168 – City of Aztec WWTP 4.80E+09				
Temperature	25°C (6T3 <sup>a</sup> ) Heat Surrogate	NMR04000 (sMS4) 8.93	102.68	16.53	165.34	J/m <sup>2</sup> /s/day <sup>b</sup>
		NM0000043 – City of Farmington Animas Steam Plant 37.2				
Animas River (Estes Arroyo to Southern Ute Indian Tribe Bnd): Segment 20.6.4.404, Assessment Unit NM-2404_00						
Pollutant	Target Concentration	WLA	LA	MOS	TMDL	Units
		Permits				
Escherichia coli	126 cfu/100mL (geometric mean)	NMR04000 (sMS4) 4.80E+09	2.40E+11	2.70E+10	2.70E+11	cfu/day
Total Phosphorous	0.1 mg/L	NMR04000 (sMS4) 0.8	41.1	4.7	46.6	lbs/day

Source: Final Total Maximum Daily Load (TMDL) for the Animas River Watershed [San Juan River to Southern Ute Indian Tribe Bnd]

Notes: a - Temperature not to be exceeded for 6 or more consecutive hours on more than 3 consecutive days

b – joules per square meter per second per day